

A Method to Extract Streams with Debris Flow Hazard using Sediment Volume

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Recently, there has been damage often by debris flow that occurs at valleys on railway lines. However, since there are many valleys on railways, it is not easy to investigate the risk of debris flow. Therefore, it is important to develop a method to estimate the risk of debris flow. Hence, we present a method to estimate the risk of debris flow on the basis of the geomorphological and geological features of valleys where debris flow once occurred.